

R. Sprouse

Scheduled Facilities Management Projects



Thomas Jefferson National Accelerator Facility

Operated by the Southeastern Universities Research Association for the U.S. Department of Energy

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Shutdown Projects

- **Injector Clean Room, Air Handling Units, and Chiller System Installation**
 - Schedule 2 - 12 Aug 04
 - Location - Injector Tunnel Area and Building 53 (outside and inside)
 - Subcontractors: Webb, Clear Air Tech., Harris
 - SOTR: Carroll Jones
- **MCC Control Room Flooring, Painting, Fish Bowl Walls, and HVAC**
 - Schedule 30 July – 18 Aug 04
 - Floor Removal 30 July
 - Floor Installation 3 –10 Aug
 - Fishbowl walls and door ~ 18 Aug.
 - Power outage TBD to install new panel
 - Subcontractors – Specified Interior Products, Shoreline, Doormation
 - SOTR – Christine Snetter

Hurricane Related Projects

- **Accelerator Loop Generator**
 - Schedule - Starting during maintenance period
 - Subcontractor: TBD
 - Location - Service Bldgs Accelerator Loop
 - SOTR: Paul Powers/ Bob Rice
 - Safety Precautions
 - Power outage up to 4 hours/location. Will be coordinated around transformer maintenance outages and other work
- **Install Tunnel Electrical Conduit**
 - Schedule – throughout maintenance period
 - Location – Entire Tunnel
 - Subcontractor TBD
 - SOTR – Paul Powers / Bob Rice
 - Safety Precautions
 - Will involve running new conduit through tunnel penetrations

Hurricane Related Projects

- **Tree Clearing for aboveground electric feeder**
 - Schedule 16 Aug – 3 Sep
 - Location – South Site Boundary outside fence
 - Subcontractor – Dominion Virginia Power
 - SOTR – Paul Powers / Bob Rice
 - Safety Precautions
 - Work near lines performed during 16-18 Aug 40 MVA substation work

Electrical Maintenance

- **Transformer Maintenance**
 - Schedule 16-18 Aug, 26 Aug
 - Locations effected - CHL, ESR, W5, N Linac, Physics Storage Bldg., 97, 98
 - Subcontractor: Harris Electric
 - SOTR: Paul Powers / Bob Rice
 - Safety Precautions
 - Power Outages for each transformer 4-6 hours?

Electrical Maintenance

- **Relocate 40 MVA Phase Indicator**
 - Schedule 16-18 Aug
 - Location 40 MVA Substation
 - Subcontractor: Dominion Virginia Power
 - SOTR Paul Powers / Bob Rice
 - Safety Precautions
 - Will utilize electric tie line from Test Lab

Fire Protection Maintenance

- **Hall B Fire Suppression Riser Reconfiguration**
 - Schedule - Flexible
 - Location - Building 97 Basement Pump Room
 - Subcontractor: Hiller System
 - SOTR: Dave Kausch
 - Safety Precaution:
 - Suspend hot work in Hall B while suppression capability is impaired.
- **Hall A Gas Shed Fire Suppression**
 - Schedule - Late in shutdown period
 - Location - Building 101A vicinity
 - Subcontractor: Hiller Systems
 - SOTR: Dave Kausch

Fire Protection Maintenance

- **Accelerator Enclosure Fire Suppression System Piping Internal Inspection and Cleaning**
 - Schedule - August 2 - 27
 - Location - Tunnel and each access stair
 - Subcontractor: Hiller Systems
 - SOTR: Dave Kausch
 - Safety Precautions:
 - Suspension of hot work in sprinkler area while suppression is impaired.

Fire Protection Maintenance

- **End Station Fire Alarm Cabling to Building 91, 92 and 95**
 - Schedule - During Shutdown
 - Location - Building 98 to Building 92
 - Subcontractor: TBD
 - SOTR: Dave Kausch
- **Cans Software/Hardware Upgrade**
 - Schedule - August 9 - 13
 - Location - MCC and Post 2
 - Subcontractor: ACTCOM (Concepts)
 - SOTR: Dave Kausch
 - Safety Precaution:
 - Dave Kausch will coordinate a fire watch any time the central monitoring capability is not functional

Mechanical Maintenance

- **Cooling Tower Preventive Maintenance**
 - Location - Buildings 14, 44, 65, 93, and 102 (ESR Cooling Tower)
- **Accelerator Service Building Preventive Maintenance**
- **Hall A, B, and C Mechanical Preventive Maintenance**
 - Schedule – Throughout period
 - Subcontractor: MRI
 - SOTR: Carroll Jones:

Mechanical Maintenance

- **North Linac LCW System Leak Repair**
 - Schedule – 11-13 Aug
 - Location - Building 67
 - Subcontractor: MRI
 - SOTR: Carroll Jones
- **Beam Dump Cooling Preventive Maintenance**
 - Location - Buildings 91 and 95
 - Subcontractor: MRI & Honeywell
 - SOTR: Carroll Jones

Shutdown Facilities Maintenance

- **Roofing West ARC Service Bldgs.**
 - Schedule ~ Finish Next 2-3 weeks pending weather
 - Location – Bldg. Nos. 40, 45, 56, and 68
 - Subcontractor: PUFF
 - SOTR: Suresh Chandra
 - Safety Precautions
 - Road will be closed to large vehicles adjacent to 40 & 56.
 - Will be using Physics Storage Bldg parking for 68
- **Concrete Crack Injection**
 - Schedule - Throughout period
 - Location – FEL, Hall A, Hall C, & Tunnel
 - Subcontractor: Compass
 - SOTR: Ken Boyes

Material Handling Maintenance

- **Injector Service Building Hoist Frequency Drive Installation -**
 - Schedule - August 6-20
 - Location - Injector Service Building 53 west end
 - Subcontractor: Foley Material Handling
 - SOTR: Dave Kausch

Inspections

- **Crane Inspection (Annual)**
 - Schedule - 16 – 20 August
 - Location - Building NAB, SAB, CHL, 98, Hall A, Hall B, Hall C, ESR and 53
 - Subcontractor: Foley Material Handling
 - SOTR: Dave Kausch
- **Pressure Vessel Inspection –**
 - Schedule - Various days throughout the shutdown period
 - Location - NAB, SAB, CHL, ESR, 98, Hall B Gas Shed, Hall A, Hall B, Hall C, 91, 92, 95
 - Subcontractor: Hartford Steam Boiler Co.
 - SOTR: Dave Kausch

CEBAF Center Addition

- Construction Fence Being Installed. Site to be restricted effective 31 Jul 04
- Pedestrian traffic rerouted to end of Wing A.
- Will install plywood over dining area windows
- Tree removal and earthwork to begin 2 Aug 04
- Current completion date 10 Oct 05

